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PTO/SB/05 (11-00)
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 5802P018X

First Inventor Richard A. Metzler

Title Sidewalls As Semiconductor Etch Stop And Diffusion Barrier

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents,
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages 48]
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 15]

5. Oath or Declaration [Total Pages 3]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Petition for Expedited Foreign Filing License

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No: 09/712,449

Prior application Information: Examiner

Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

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Registration No. (Attorney/Agent) 37,764

Signature

Date 10/18/01

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1,260.00

Complete if Known

Application Number
Filing Date October 18, 2001
First Named Inventor Richard A. Metzler
Examiner Name
Group/Art Unit
Attorney Docket No. 5802P018X

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number 02-2666

Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP

☒ Charge Any Additional Fee(s) Required
Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20

☒ Applicant claims small entity status
See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	201	740	370			Utility filing fee	370.00
106	206	330	165			Design filing fee	
107	207	510	255			Plant filing fee	
108	208	740	370			Reissue filing fee	
114	214	160	80			Provisional filing fee	

SUBTOTAL (1) (\$) 370.00

EXTRA CLAIM FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
103	203	18	9			Claims in excess of 20	
102	202	84	42			Independent claims in excess of 3	
104	204	280	140			Multiple Dependent claim, if not paid	
109	209	84	42			**Reissue independent claims over original patent	
110	210	18	9			**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 720.00

**or number previously paid, if greater. For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	205	130	65			Surcharge - late filing fee or oath	
127	227	50	25			Surcharge - late provisional filing fee or cover sheet.	
139	239	130	65			Non-English specification	
147	247	2,520	1,260			For filing a request for <i>ex parte</i> reexamination	
112	212	920*	460			*Requesting publication of SIR prior to Examiner action	
113	213	1,840*	920			*Requesting publication of SIR after Examiner action	
115	215	110	55			Extension for reply within first month	
116	216	400	200			Extension for reply within second month	
117	217	920	460			Extension for reply within third month	
118	218	1,440	720			Extension for reply within fourth month	
128	228	1,960	980			Extension for reply within fifth month	
119	219	320	160			Notice of Appeal	
120	220	320	160			Filing a brief in support of an appeal	
121	221	280	140			Request for oral hearing	
138	238	1,510	755			Petition to institute a public use proceeding	
140	240	110	55			Petition to revive - unavoidable	
141	241	1,280	640			Petition to revive - unintentional	
142	242	1,280	640			Utility issue fee (or reissue)	
143	243	460	230			Design issue fee	
144	244	620	310			Plant issue fee	
122	222	130	65			Petitions to the Commissioner	130.00
123	223	50	25			Processing fee under 37 CFR 1.17(q)	
126	226	180	90			Submission of Information Disclosure Stmt	
581	281	40	20			Recording each patent assignment per property (times number of properties)	40.00
146	246	740	370			Filing a submission after final rejection (37 CFR § 1.129(a))	
149	249	740	370			For each additional invention to be examined (37 CFR § 1.129(b))	
179	279	740	370			Request for Continued Examination (RCE)	
169	269	900	450			Request for expedited examination of a design application	

Other fee (specify)

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 170.00

SUBMITTED BY

Name (Print/Type) William E. Alford

Registration No. 37,764
(Attorney/Agent)

Complete (if applicable)

Telephone (714) 557-3800

Signature

Date 10/18/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.

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